Integrative Cancer Research Special Interest Group Teleconference, October 6, 2004

Microarray Repository SIG Meeting Minutes

Date, Time & Location:	October 6, 2004 2:00-3:00 EDT
Attendees:	Andrew Winter — Northwestern University Don Baldwin — Penn Xiaopeng Bian — NCICB Joel Dubbels — IBM Mark Evans — Biotrue Judith Goldberg — New York University Mervi Heiskanen — NCICB David Jewell — Dartmouth College Michael Keller — Booz Allen Hamilton Gene Kraus — Karmanos Warren Kibbe — Northwestern University Eugene Kraus — Karmanos Cancer Institute Jack London — Jefferson Kimmel Cancer Center Juergen Lorenz — SAIC John Powell — NCI Louise Showe — Wistar Institution Michael Showe — Wistar Institution Michael Slifker — Fox Chase Cancer Center Craig Street — Penn Taku Tokuyasu — UCSF Jian Wang — Biofortis Julie Zhu — Northwestern University
Introduction:	**Roll-call, open meeting, review meeting goals** (Juli Klemm)
Review Discussions	**Introduce new SIG lead** (Juli Klemm) Introduced the new SIG lead Julie Zhu from Robert H. Lurie Comprehensive Cancer Center of Northwestern University **Update on support from the cross-cutting workspace** (Juli Klemm) Representatives from architecture workspace will provide guidance at the project level while representatives from V&CDE workspace will provide guidance at the SIG level. Leo Cheung from U. of Hawaii will be the VCDE facilitator for this SIG. Project level pairing for Architecture support will be available next week. **Update on use cases** (Juli Klemm) Received all the use cases for architecture group to look at and will post the use cases next week. Have set up meetings with many of the submitters to review their use cases with the caGRID team. Summary of current findings will be presented at the next ICR WS/WG meeting. **UML-based CDE-creation training** (Juli Klemm) NCICB and Scenpro have put together a web-based training session for UML-based CDE-creation, including how to annotate a UML model to support CDE creation in the caDSR..
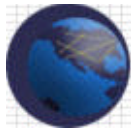
Update on caArray release and user acceptance testing (Mervi Heiskanen)

caArray looks really good with only minor bugs to fix. The caArray 1.0 Beta is scheduled to release on October 29th, and the user acceptance testing will start at the same day with 2 weeks testing time frame. caArray 1.0 release planning meeting is scheduled for November 15, thus all the feedback received by the close of the business day November 12th will be discussed and prioritized at that meeting. Soon after the planning meeting, caArray 1.0 release date will be scheduled depending on the amount of high priority bugs the testers found. Any center interested in participating in user acceptance test is encouraged to email Mervi to have a user name and password set up. However, the feedback might not be incorporated in the coming release of caArray because of the large number of centers participating in the user acceptance test.

Discussion of caArray configuration and data submission portal in caArray

caArray is federated and can have local installation. It is currently running on an Oracle database and SUN operating system, but should be compatible with other platforms. caArray documentation will provide a description of hardware and software used in NCICB but will not recommend which hardware or software to use in other centers. caArray will enable microarray data exchange easily among centers adopting caArray. caArray can be used to store both private and public microarray data.

It looks like the majority of the centers are using or will be using an Oracle database for caArray which will ease the caArray local installation. However, there is one center with DB2 (IBM Healthcare and Life Sciences Solutions Development) and one with mySQL – these will be good opportunities for testing the cross-platform compliance of caArray.

caArray can import MAGE-ML generated from MIAMExpress. However, caArray has its own data submission portal which is totally different from MIAMExpress.

Other discussion items:	How to share data across caArray databases installed in different centers? GRID technology is one of the possibilities (Michael Showe)
	Juli Klemm suggested discussing this in Wistar's Friday meeting with the caGRID team when they are discussing their use cases.

Action Items:	Name Responsible	Action Item	Date Due	Notes
	Juli Klemm	Post the use cases	Next week	
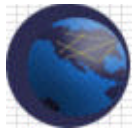
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	Mervi Heiskanene	Email to the group the test data and test cases for user acceptance testing starting on October 29th	10/26/2004	
	Mervi Heiskanene	Email to the group proposing a few possible dates for caArray work flow training put together by the application support group.	Next week	**The training will be web based and last about 15 minutes.**
	Julie Zhu	Distribute meeting minutes	10/16/2004	